Philips
widescreen flat TV with
Crystal Clear

23"
LCD HD Ready

23PF4321

Turn up your viewing experience

with Crystal Clear

Here is an LCD TV that not only enhances the décor of your home with its European styling and slim design, but also provides a great audio-visual experience with Crystal Clear and Virtual Dolby Surround.

Stylish design
- Compact design

Better quality images that reveal more detail
- HD LCD WXGA display, with a 1366 x 768p resolution
- HD Ready for the highest quality display of HD signals
- Crystal Clear improves picture depth

Exciting and lifelike sound
- Virtual Dolby Surround for a cinema-like audio experience

Designed for your convenience
- PC input lets you also use your TV as a PC monitor
- Smart Picture and Smart Sound to personalize your viewing

For advanced performance
- DVI-I provides the best picture and flexible connectivity

PHILIPS
sense and simplicity

Highlights

Compact design
Compact design

LCD WXGA display, 1366 x 768p
This WXGA display with state-of-the-art LCD screen technology gives you widescreen HD resolution of 1366 x 768p pixels. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

HD Ready
Enjoy the exceptional picture quality of High Definition pictures and be fully prepared for HD sources like HDTV settop box or Blu-ray disc. HD Ready is a protected label that offers picture quality beyond that of progressive scan. It conforms to strict standards laid out by EICTA to offer a HD screen that displays the benefits of resolution and picture quality of a High Definition signal. It has a universal connection for both analog YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p, and 1080i signals at 50 and 60Hz.

Crystal Clear
Combining picture enhancements like Contrast plus and color improvement, Crystal Clear improves picture depth.

Virtual Dolby Surround
Virtual Dolby Surround is a processing technology for enhancing surround sound effects. It will create the sensation of Dolby Pro Logic without the necessity of additional rear speakers. You become totally immersed in your television experience.

PC input
With PC input you can connect your TV to a computer and use the TV as a PC monitor.

Smart Picture and Smart Sound
Philips preset modes for Smart Picture and Smart Sound provide you with direct access via a single key on the remote control. You can select optimized picture and sound settings for the various picture and sound modes.

DVI-I Input
A DVI-I input connects the non-compressed high-bandwidth digital RGB signal from source to screen. By eliminating the conversion of the digital signals to analog, it delivers an unblemished and noisefree image, that is clear and flickerfree. The DVI input supports HDCP copy protection that allows viewing of copy protected programs from Digital Settop boxes, DVD players and HD recorders. DVI-I is future proof as it can be be connected to all HDMI devices (a converter cable is required). The DVI-I input also supports analog PC-VGA signals.

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23" LCD HD Ready

23PF4321/58

Specifications

Picture/Display
- Aspect ratio: Widescreen
- Brightness: 500 cd/m²
- Contrast ratio (typical): 450:1
- Response time (typical): 16 ms
- Viewing angle (H / V): 140 / 125 degree
- Diagonal screen size: 23 inch / 58 cm
- Display screen type: LCD WXGA Active Matrix TFT
- Panel resolution: 1366 x 768p
- Picture enhancement: 2D Combfilter, Color Temperature Adjustment, Contrast Plus, Crystal Clear, Progressive Scan, Sharpness Adjustment
- Screen enhancement: Anti-Reflection coated screen

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60, 67, 72, 75Hz
800 x 600	56, 60, 72, 75Hz
832 x 624	75Hz
1024 x 768	60, 70, 75Hz
1280 x 768	60Hz

- Video Formats

Resolution	Refresh rate
640 x 480i	1Fh
640 x 480p	2Fh
720 x 576i	1Fh
720 x 576p	2Fh
1280 x 720p	3Fh
1920 x 1080i	2Fh

Sound
- Equalizer: 5-bands
- Output power (RMS): 2 x 5W
- Sound Enhancement: Dynamic Bass Enhancement
- Sound System: Mono, Nicam Stereo, Virtual Dolby Surround

Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: PAL, PAL I, PAL B/G, PAL D/K, SECAM, SECAM B/G, SECAM D/K, SECAM L/L'
- Video Playback: NTSC, PAL, SECAM
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- Number of Preset Channels: 100
- Tuner Display: PLL

Connectivity
- Ext 1 Scart: Audio L/R, CVBS in/out, RGB
- Number of Scarts: 1
- Front / Side connections: Audio in, CVBS in, Headphone out, S-video in
- Other connections: Antenna IEC75, DVI-I, PC Audio in

Convenience
- Clock: Sleep Timer
- Ease of Installation: Auto Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Program Name, Sorting
- Ease of Use: Auto Volume Leveller (AVL), Menu Control, On Screen Display, Program List, Smart Picture, Smart Sound
- Picture in Picture: Twin page text
- Remote Control: TV
- Remote control type: RCFE05SMS00
- Screen Format Adjustments: 4:3, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
- Teletext: 10 page Smart Text
- Teletext enhancements: 4 favourite pages, Program information Line

Accessories
- Cables: DVI-I to YPbPr cable
- Included Accessories: Table top stand, Power cord, Quick start guide, User Manual, Registration card, Remote Control

Dimensions
- Set dimensions (W x H x D): 716 x 375 x 98 mm
- Dimensions (with base) (W x H x D): 716 x 414 x 195 mm
- Weight incl. Packaging: 13.3 kg
- Product weight: 10.2 kg
- Set weight: 10.2 kg
- Box dimensions (W x H x D): 780 x 551 x 210 mm
- Color cabinet: Silver / Black

Power
- Ambient temperature: 5 °C to 40 °C
- Power consumption: 75 W
- Power supply: AC 90-240
- Standby power consumption: 1.2W

stereo system					transmission system					
2CS	NICAM	2CS	NICAM	NICAM	PAL	PAL	PAL	SECAM	SECAM	SECAM
DK	DK	BG	I	LL'	BG	DK	I	BG	DK	LL'
o	o	o	o	o	o	o	o	o	o	o

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